






MUHAMMAD ADAM

Software Engineer



CONTACT

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EDUCATION

Computer Science (Hons)
National University of Singapore
Aug 2014 - Jan 2019

LANGUAGES

HTML / CSS



Javascript



Golang



Python



Java



PROFILE

A dedicated software engineer who loves introducing people to the world of programming as I believe this is where the future lies. This is also the reason why I have a passion for teaching as I believe in empowering others with this valuable skill set. I strive for excellence in the things that I do to ensure maximum satisfaction from my clients and colleagues. I firmly believe that my skills will add value to your company.

WORK EXPERIENCE

Nov 2019
-
Present

SOFTWARE ENGINEER

Klass Engineering and Solutions

Key team member to developed a software where users are able to annotate images in a dataset, train an AI model and to export the trained model that is to be embedded into surveillance system that can perform real-time detection and classification. Worked on both the frontend and backend aspects of the project.

Lead frontend engineer of an enhanced speech-to-text recognition system that is able to decode Singaporean english audio into text while being able to highlight words as when the word is spoken in the audio in real time.

Lead frontend engineer of system to allow to control a Quadrupedal Unmanned Ground Vehicle (Q-UGV) remotely. System is mainly use to use Q-UGV as first responders to support disaster rescue efforts and detect suspicious-looking articles in public areas.

Worked on a set of guidelines and templates for frontend engineers on a company level to adopt and practice to standardize the interfaces of projects within the company and to allow better code maintainability among developers.

Aug 2019
-
Aug 2020

BOOTCAMP INSTRUCTOR

Trent Global College of Technology & Management

Conduct part-time diploma classes in vanilla HTML and CSS for students who are keen to learn programming or those who are looking for a mid-career switch.

Conduct multiple 3-day bootcamps to enable students to apply what they have learnt in their diploma course into algorithmic questions.

Aug 2018
-
Nov 2019

WEB DEVELOPER

Picoded

Lead frontend developer and UI/UX interface designer for the Integrated Financial Advisory Marketplace (IFAM), an online portal to simplify and digitalize the process purchasing insurance from start to end.

Lead frontend developer and UI/UX interface designer for Leolili, an e-commerce platform for businesses to book event spaces around Singapore to conduct businesses, roadshows, etc.

Developed a company website for Wen Consulting using Nuxt/Vue framework.

MUHAMMAD
ADAM

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FRAMEWORKS

React / Next

Vue / Nuxt

ANT Design

Bootstrap

Materialize

SOFT SKILLS

Resourceful

Team Player

Creative

Patience

Problem Solver

Approachable

Open Minded

INTERESTS

WORK EXPERIENCE CONTINUED

May 2017
-
Nov 2017

●
INTERN WEB DEVELOPER
OnetoOne Interactive

Worked on the user interface for both the admin panel and the audience engagement panel, making sure they are mobile-friendly, intuitive and self-explanatory. Worked on backend to provide necessary APIs on the components that I worked on for my team to readily use.

Implemented a two-factor authentication system into their login mechanism in the backend and integrate it into the app on the frontend.

Developed an intuitive responsive website builder platform with modernized look and feel for clients to build a static webpage for their event.

Aug 2014
-
Apr 2017

●
TEACHING ASSISTANT
National University of Singapore

Undergraduate Teaching Assistant, responsible for conducting tutorial classes on programming methodology with Python as the programming language. Also responsible to grade online assignments and to review exam papers.

A head tutor for one of the semester. Carried supervisory responsibilities for all teaching assistants in the course and shall be required to liaise with heads of department in relation to this supervision.

Worked alongside students to tackle coding problems and programming concepts. Teaching expresses the virtues of patience, approachability and selflessness.

AWARDS / ACHIEVEMENTS

Nov 2016

1st Runner Up for NUS STePS

May 2017

2nd Runner Up for NUS STePS

A part of pioneer batch of students to develop VR games and showcase in the bi-annual NUS STePS event. Students present their projects in all aspects of computer science to Industry guests, Government agencies, Sponsors and Investors to connect with potential employers and to seek opportunities for further development of their work through collaboration.